

Date: Sun, 2 Jan 94 04:30:27 PST
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V93 #151
To: Ham-Homebrew

Ham-Homebrew Digest Sun, 2 Jan 94 Volume 93 : Issue 151

Today's Topics:

- - television disruptor - -
 Crystal Radios
 Looking for information
 Low Budget CB

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 2 Jan 94 07:54:42 GMT
From: sequent!muncher.sequent.com!edw@uunet.uu.net
Subject: - - television disruptor - -
To: ham-homebrew@ucsd.edu

In article <2fjmit\$8pi@elroy.jpl.nasa.gov> chu@bondi.jpl.nasa.gov (Eugene Chu)
writes:

>quixote@eskimo.com (Looking for Sancho) writes:

>

>> The intended use of this device is to be put with a timer
>> against the wall where my new neighbor has his television set.

I have an RF signal gen that works wonders.

Little twin lead dipole..... Hit the IFs ! :-)

In later years, the children's rap station somehow had problems as well :-)

They now listen to Rock & Roll, and the sig gen gathers dust.

Just Do It !

Ed

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I think I've got the hang of it now :w :q :wq :wq! ^d X exit ^X^C ~.

^[x X Q :quitbye CtrlAltDel ~~q :~q logout save/quit :!QUIT ^[zz ^[ZZ
ZZZZ ^H ^@ ^L ^[c \$q ^# ^E ^X ^I ^T ? help helpquit ^D ^d ^C ^c help
^]q exit ?Quit ?q anybackbone!sequent!edw edw@sequent.COM KA9AHQ 28.340

Date: Sun, 2 Jan 94 07:51:37 GMT
From: sequent!muncher.sequent.com!edw@uunet.uu.net
Subject: Crystal Radios
To: ham-homebrew@ucsd.edu

Some of the best fun can be had by refering to an
old cub or boy scout manual.

Many Moons ago, I made a xtal rcvr completely from scratch
CAPs from wax paper and foil, resister from pencil lead,
and so on.

Sometimes the simple pleasures are the best
Ed

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I think I've got the hang of it now :w :q :wq :wq! ^d X exit ^X^C ~.
^[x X Q :quitbye CtrlAltDel ~~q :~q logout save/quit :!QUIT ^[zz ^[ZZ
ZZZZ ^H ^@ ^L ^[c \$q ^# ^E ^X ^I ^T ? help helpquit ^D ^d ^C ^c help
^]q exit ?Quit ?q anybackbone!sequent!edw edw@sequent.COM KA9AHQ 28.340

Date: Sat, 1 Jan 1994 13:20:32 GMT
From: swrinde!emory!rsiatl!ke4zv!gary@network.ucsd.edu
Subject: Looking for information
To: ham-homebrew@ucsd.edu

In article <2g2kgd\$ib4@hpscit.sc.hp.com> rkarlqu@scd.hp.com (Richard Karlquist)
writes:

>Having studied this area extensively, I can also say that I don't
>know of anything better than the 2211 for *normal* FSK. Note
>that ham radio uses wide-shift FSK, which is a special case.

We do? I thought 170 Hz was considered narrow shift.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: Sun, 2 Jan 94 08:01:45 GMT
From: sequent!muncher.sequent.com!edw@uunet.uu.net
Subject: Low Budget CB
To: ham-homebrew@ucsd.edu

In article <DEAN.93Dec31171923@splinter.coe.neu.edu>
dean@splinter.coe.northeastern.edu writes:

>Hi:

> I'm in the market for an inexpensive CB to start in this hobby. Anything out there for sale?

>

>-Dean

This should cost you between \$540 and \$590 USD
Thats \$40 to \$90 at any drug store, or radio shack,
and \$500 for the Lobotomy so you can fit with the crowd.
Yeah Yeah, I know its flame bait.
My CB has been in the attic for years I wish it were a
usable band (again {KKI4758 I think})

so here you go :-) now put those flamethrowers away.

Ed

--

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^[x X Q :quitbye CtrlAltDel ~~q :~q logout save/quit :!QUIT ^[zz ^[ZZ
ZZZZ ^H ^@ ^L ^[c \$q ^# ^E ^X ^I ^T ? help helpquit ^D ^d ^C ^c help
^]q exit ?Quit ?q anybackbone!sequent!edw edw@sequent.COM KA9AHQ 28.340

Date: 1 Jan 1994 20:21:54 GMT
From: sdd.hp.com!hpscit.sc.hp.com!rkarlqu@network.ucsd.edu
To: ham-homebrew@ucsd.edu

References <757355492snx@skyld.tele.com>, <2g2kgd\$ib4@hpscit.sc.hp.com>,
<1994Jan1.132032.7474@ke4zv.atl.ga.us>
Subject : Re: Looking for information

In article <1994Jan1.132032.7474@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

>In article <2g2kgd\$ib4@hpscit.sc.hp.com> rkarlqu@sdd.hp.com
(Richard Karlquist) writes:

>>Having studied this area extensively, I can also say that I don't
>>know of anything better than the 2211 for *normal* FSK. Note

>>that ham radio uses wide-shift FSK, which is a special case.
>
>We do? I thought 170 Hz was considered narrow shift.
>
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

Hams call 170 Hz. "narrow" shift I guess because it is narrow compared to 850 Hz. shift. That shift was chosen to comply with FCC regulations forbidding more than 1 kHz. shift. Outside of the ham community, I don't know of anyone using shifts of more than 1.5 times the baud rate. A shift of about .8 times the baud rate is optimum in a bit error rate vs. energy per bit sense. For 5-bit 60 WPM ham RTTY, the baud rate is only 45.45 baud. This would imply a shift of 35 to 70 Hz. or so. 170 Hz. is so wide compared to this that for optimum bandpass filtering, you need to filter the mark and space frequencies separately and reject the noise in between. The XR2211 doesn't lend itself to this scheme.

Rick Karlquist N6RK
rkarlqu@scd.hp.com

End of Ham-Homebrew Digest V93 #151

